

# BACK END WEB DEVELOPMENT

**CLASS 08- INTRO TO RAILS FRAMEWORK**

# TOPICS

- **MVC FRAMEWORK**
- **CONTROLLER 101 - CRUD**
- **BOOK CODE ALONG**

# ANATOMY OF RAILS

MODEL | VIEW | CONTROLLER

yourapp.com/hello

## ROUTE

Traffic Controller

HTTP traffic control

Chief Conductor

## CONTROLLER

Lean Director

Chief of Logic

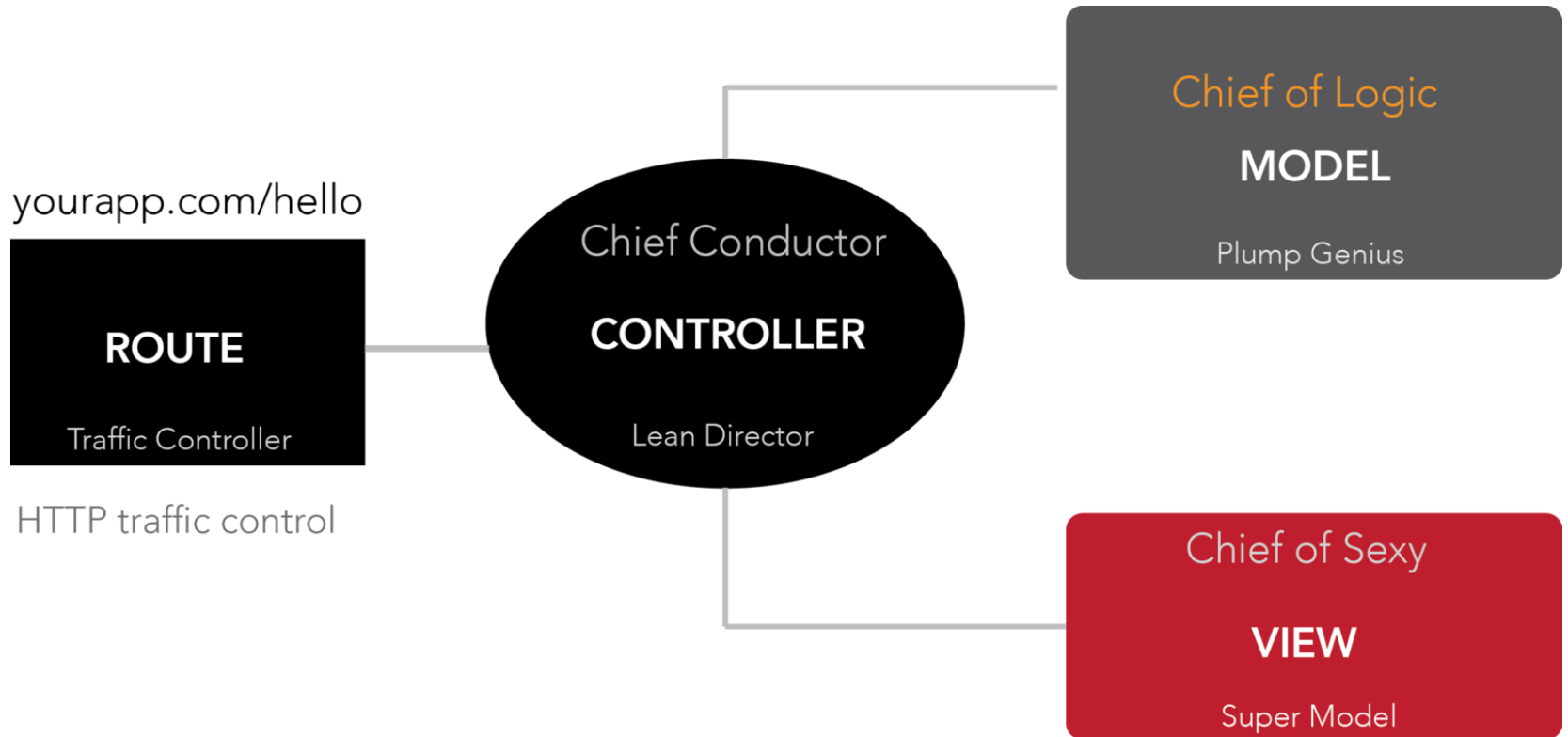
## MODEL

Plump Genius

Chief of Sexy

## VIEW

Super Model



# ROUTE

- **DIRECTS HTTP REQUESTS TO APPROPRIATE CONTROLLER & ACTION**

# CONTROLLER

- **THE CONDUCTOR**
- **WORKS WITH BOTH THE MODEL & VIEW**

# HTTP VERBS

- HTTP VERBS VS. RAILS CONTROLLER ACTIONS

HTTP Verb	Path	Action	Used for
GET	/photos	index	display a list of all photos
GET	/photos/new	new	return an HTML form for creating a new photo
POST	/photos	create	create a new photo
GET	/photos/:id	show	display a specific photo
GET	/photos/:id/edit	edit	return an HTML form for editing a photo
PATCH/PUT	/photos/:id	update	update a specific photo
DELETE	/photos/:id	destroy	delete a specific photo

# **VIEW**

- **LOOKS GREAT!**
- **SHOULD ONLY INTERACT WITH THE CONTROLLER**



# MODEL

- **HOUSE OF LOGIC**
- **DIRECT RELATIONSHIP WITH ACTIVE RECORD**
- **SHOULD ONLY INTERACT WITH THE CONTROLLER**
- **SHOULD NEVER WORK DIRECTLY WITH VIEW**

# BOOK APP!

## CODE ALONG!

# LEARNING GOALS

- UNDERSTAND THE ROLE OF THE CONTROLLER
- KNOW WHAT CRUD STANDS FOR
- UNDERSTAND WHICH ACTIONS IN THE CONTROLLER ARE REQUIRED TO ACHIEVE CRUD

# CRUD

CREATE | READ | UPDATE | DELETE

# **BLOG APP!**

**HOLIDAY HOMEWORK!**

[http://guides.rubyonrails.org/getting\\_started.html](http://guides.rubyonrails.org/getting_started.html)